

CATALYST FOR OLIGOMERIZING ETHYLENE AND PRODUCTION OF LINEAR ALPHA-OLEFIN BY USING THE SAME

Patent number: JP9040710
Publication date: 1997-02-10
Inventor: OGURI MOTOHIRO; AOYAMA TAKAMITSU; MIMURA
HIDEYUKI; KOIE YASUYUKI
Applicant: TOSOH CORP
Classification:
- international: C08F4/69; B01J31/02; C07C2/30; C07C2/32;
C07C11/02; C08F110/02
- european:
Application number: JP19950193140 19950728
Priority number(s):

Abstract of JP9040710

PROBLEM TO BE SOLVED: To provide a catalyst which can give a 4-30C linear α-olefin in a high activity and selectivity when used in the oligomerization reaction of ethylene.

SOLUTION: This catalyst for oligomerizing ethylene comprises a chromium compound, an alkylmetal compound, an ionized ionic compound represented by the formula: $[C^{<+>}] [A^{<->}]$ ($[C^{<+>}]$ is a cation; and $[A^{<->}]$ is an anion) and an aromatic hydrocarbon.

Data supplied from the **esp@cenet** database - Patent Abstracts of Japan